5100 - 5330

Ype

5100 - 5330

Cuaderno de.....

Perteneciente a.....

Dec. 26 Bogota Neiva 7-7:15

Ferrocarril Oriental-Tolima-Huila

Taxi Carr 7 18/78 to Est. Sabana 6:30-6:45
with baggage 65¢
Train ticket $8.95
Carrying bags to train .30
~~Shifting bags in cars~~ .35
Lunch in train 1.35
Baggage carried .30
Taxi station in Neiva — Hotel 1.00 ~~.80~~
American with baggage
7:15 - 7:25 (No other means)

Ice cream Neiva + beer 1.20

Dec. 27 Sunday Neiva

Ice cream .60
Shoe shine .10
Shave .30
Entertainment, Beer, etc 1.80

Dec. 28 Monday Neiva

Bought purchases
Saw Gov. Carlos Martinez Borrero
Got gun permit
Hired transportation to Pitalito

✓Medecines	(only charge up 1 day, myiasis – 1.00)?	2.60
Shoe shine		.15
Shave + haircut		.65
Ice cream, beer, etc.		2.20
Impermeable		2.50
✓2 rolls verichrome		1.70
✓Express of baggage Bogotá – Neiva		15.00
✓1 timbre nacional gun permit		1.00
✓Canvas		3.90
✓3 drinking cups	(.80)	2.40
✓3 plates	(1.00)	3.00
✓1 coffee pot		2.00
✓Telegraph Foshay-Holdrige		.62
✓Hotel Dec. 26–28 incl.	(3.50 day)	9.50
✓Hotel Villareal (28)		2.50
✓Train Villareal		8.95
✓Food on train		1.30
✓Taxi Neiva 6:30–6:40 Villareal		1.00

Dec. 29 Tuesday Neiva – Pitalito

By bus 5:00 AM – 3:30 PM

"Transfederal" Bus y Seña

Arturduaga called San Isidro, Cost of bus chassis $3200 + bus body made in Col. $800 – Total $4,000. Needs tyres badly

Bus Jaime	2.90
" " Villareal	2.90
4 petacas 200 kilos	3.00

Talk with Luis F. Vasquez (Pitalito)
Florencia-Potosi

Pay helper of Villareal	2.50
Barber	.60
Tritos, etc.	.45
Mail	.32
3 notebooks	.30

Dec 30 Wednesday

Trip Pitalito - Timaná .40

✓ "Transportes del Huila y Caqueta"
8:30 - 9:15

✓ Telegram to Mayer 1.33

Return from Timaná to see Sr. Vargas .40 (?)

Daniel 11:30 - 12:10

Talk with Mayor Pitalito
Lucio Gutiérrez

Talk with Don Alfonso Muñoz
Don Ricardo Muñoz

Arranging for transportation and food, etc.

Talk with Dr. Blanco, official of Ministerio de Higeine, etc.

✓ 15 gal. gasoline 5.50

Repairing gasoline lamp 1.50

Granites 3 @ 50¢ 1.50

Dec. 31 Thursday

June 1, 1942 Friday

[illegible]

[illegible]

[illegible]

Mrs Motta

Tooth cleaning .35

Tooth Paste 1.00

Knife .60

Jan 2, 1907 Last Particulars Sent

2 Rolls [illegible] $ [illegible]

Finder .05

Box [illegible] .01

1 gal [illegible] .40

Pole [illegible] .30

Paint Ribbon .31 {Excludes effect .12 pending [illegible]

[illegible] .10

Wire Measure .25

[illegible]

Bought Stamps

Talk with [illegible]

Talk with [illegible] Kimball

Talk with [illegible] Lumber Company

Talk with [illegible] Particulars

Particulars Ordered by Mail 1/22 — 7.30

& Transportation Mail of Sept 10

Box for Kimball [illegible] 1.00

Hose Particulars sent Oct 29 - Jan 2 [illegible] $ 10.17

Water Particulars Returned " $ 10.17

Jan 3 Sunday
Chandler – Farm South Side
11:30 – 5:00

Prof. Beck + family [illegible]
Left by [illegible]
[illegible] Valley Road
Farm of Wm. Ryan [illegible]
[illegible] the house called South Side
for the fact that most of Chandler's friends
Have remained the Farm of Wm. Ryan
[illegible] Hours in motion [illegible] the farm
[illegible] Beck on the Thresher and
[illegible] in the Conversation.

Visitor from Valley Farm
[illegible]
Prof. [illegible] Engineering Colorado Springs for
a futile flank [illegible]
Prof. [illegible] Nebraska Ottawa
[illegible] Nebraska Language
Farm Question

Passed through [illegible] plains and foothills.
Fine rolling [illegible]. Fine effect and Farm –
long lines + "Colorado feeling". Farm
[illegible] + Hebrew most conspicuous plants

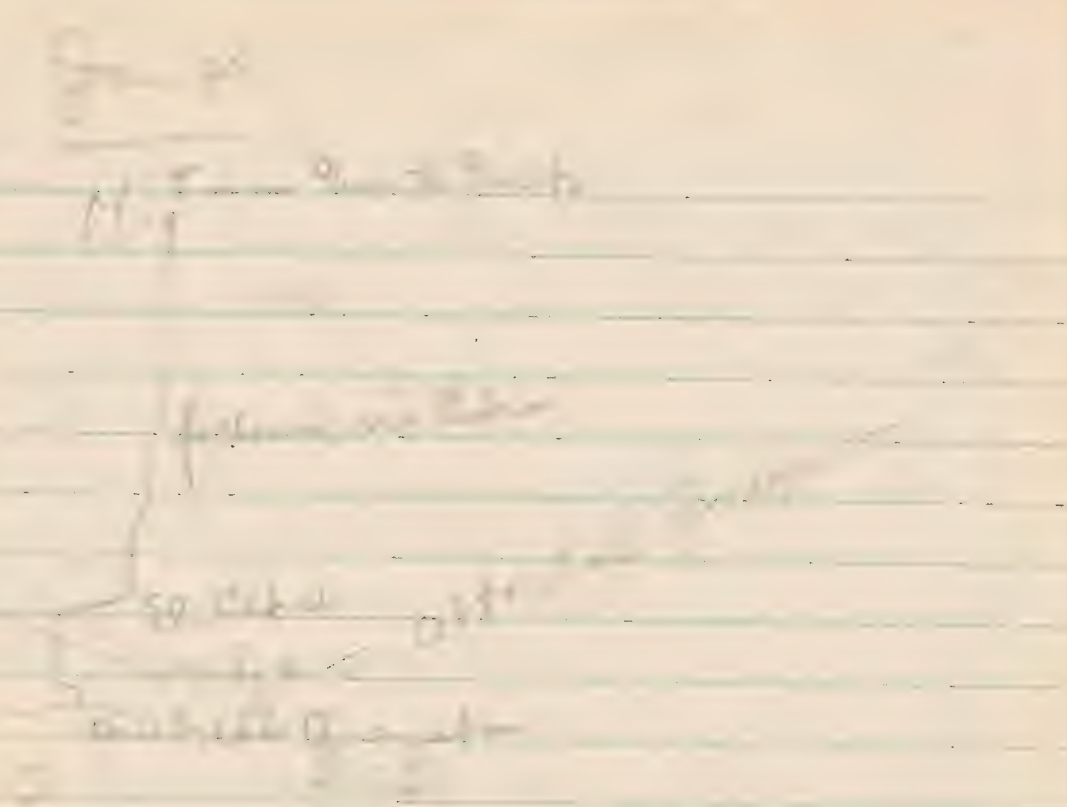
Jan 3

Jan 4, Monday 7 miles to Cuesta Pinta to Intermediate Campsite
6:30 — 5:30

Today we followed the Rio Cebro closely
nearly to its source, then crossed a ridge
laying E-W which rises to 1800 m at least
then went down & set up camp in the
Quebrada Quepaloa which runs Eastward
On the ridge there is pumice but not bad
to pass due to the fact the wind blew
this morning. In the barrancas around the
upper reaches of the Rio Cebro and on the
other side of the ridge near the Quebrada
Quepaloa there are a number of
Candelabra Cactus but they are generally
small, rarely growing 6' or more
generally 3 or 4. Fields of Starky with
Many red flowers down near the Rio and
Lupin. Have collected Eremo to 9 a
Nierembergia? Bit Gentian? and a Poa. A Bupleurum.

At the headwaters of Rio Cebro in the
last Pinos Dr. Olmue during. The
Candelabra interspersed throughout the Lupin
country with the ridge

Savanna patches & patches of Bracken
along valley Rio Cebro Valley.



Jan 5 Tuesday

at the most, on average 1500.

About one hundred + fifty people formerly worked mines + quarries in the district 65 yrs. ago. All the ore + granite from the region south of Hancock was brought to Duluth because the lines of railroad were on a direct north + south line called Spokane + Northern Pacific Railroad. Now however, a number have closed, etc. Now only about seven left. Four only work + they part. Hancock + Lawson started. Mr. [illegible] brought here + received 10 yrs ago, which [illegible] to Minn from Duluth. Mine a [illegible] of [illegible]

Investigation –

Extraction process that formerly used trees of Castilloa elastica as well as a Castilloa were felled + ringed every 1½ ft. with. Took two years for a Castilloa to begin to yield 5 – 6 lbs of dry rubber. The rubber was obtained by coagulation with 1 or 2 or 4 days strips. Latex flowed off + collected in holes + was coagulated by a dry process + pressed into bars.

I went with them in the city, and
left Cavaliers to the headwaters of the
R & Canadian with Indians & guard with
orders to make estimates as to the
[illegible] of those for docks &c. Then, by steps, to
Cavaliers & so home. And he formally
resigned - flying me to Ogden on the way to
the camp in the Wallowas.

We left the Camp at Pine Creek and went
nearly due S. across [illegible] of a [illegible]
mostly by [illegible] [illegible] to the
headwaters of the Pine Cavaliers.

Rain all night

Camp on Little Pine

Jan. 7 Saturday Rain Cloudy

Heavy rain all day. Remained in camp doing nothing of note to write. Ed Cummins arrived [illegible] with the mail from Otto, etc. Rain continued today, but ceased from the west to end forth to Valentine & heard a large camp for 3 days etc. Started after eating the feed at about 12, not having made the camp because of the [illegible] rain. Otto, Dolph & Grant did not return, probably camping out waiting the creek was [illegible]. Impossible to stop [illegible] today to dry & [illegible] the mail for we [illegible]. Rain did not stop from Pinto to Valentine for about half of [illegible] Valentine & [illegible] probably because of rain, &

Pain.

Jan. 14 Thursday

~~Camp below the Villalobos~~ ~~+ Sueza to the~~
Camp on Sueza to headwaters of Sueza to Camp on Confluence of Guayabo & Villalobos.
7:15 — 5:30

Early I left camp with several peons to go to the headwaters of the Río Sueza where Sr. Motta says there is considerable caucho blanco. About 1½ hrs up we encountered the first trees. There is also a very similar tree of the same genus which gives leche but which does not coagulate. I should say that there are perhaps 8 - 10 trees per hectare here. All the peons say there are many more up above. One good sized tree 1½ ft diam. was felled and slashed for its entire length, covered carefully with leaves of Carludovica & left to coagulate for samples. I shall return & send a peasant in a wk. to collect it. Returned to camp on Sueza & set out for camp on Villalobos & Guayabo. Spent night. Rained all night.

Jan 15 Friday Camp Confluence Grande & Villalobos — Petalito & Cruello 5:30 – 8:30

1 Leave Buenaventura — Cruello .50
2 Number for Camp Vicente Petalito 1.00

Left camp and returned to Petalito by way of Cruello. Good weather, but excessive rain had left much mud. Two peasants wounded. Had to leave part of cargo behind to send for tomorrow. Six trees of Cancho blanco seen passing alto del Guayabo.

Jan 16 Saturday Pitalito

Spent the day trying to make trip to Florencia, arranging baggage, writing letters and mail for the Office, etc. Leg wounds very sore + getting worse.

Telegram to Forbes	.61
Telegram to Morgan	.67
Telegram to Bonilla	.51
Telegram to Jaramillo (Villavicencio)	.56
Letter to Dugan	.10
Letter to Morgan	.10
Letter to Christensen	.10
Stationery + envelopes	.15
Beer, coffee, etc. cigarettes	2.50
Stockings (1 pr.)	.30
Washing	.10
Horses Bonilla - Cuellar	.50

Jan 17 Sunday Pitalito

Telegram to Salat	.19
Telegram to Durand (personal)	.57
Telegram to Rubber Co (personal)	
Shoes (Villareal)	7.00
Envelopes (Villareal)	.10
Coffee, etc.	.20
Shoe laces	.20
Horse and messenger to Palestina (Villareal .50)	4.00

Spent the most of the day bathing & nursing foot & leg wounds. Sent messenger to Palestina (to leave early Monday morning) to try to get Romulo Cuellar, conocedor of the Fragua district and accomp. of Uribe Witt, to come to Pitalito to talk with me. I hope some way without to much expense of time & money, to enter Fragua area where Luis Vasquez says there is caucho negro & balatas. Still awaiting jeteas left in mountains by overloaded peasants.

Jan 18 Monday Patalete

Mail	.48
Cigarettes	.50
Shave	.20
Ribon filiw[illegible]	.82 (official)
Coffee, etc.	.30

Talk with Angel Maria Molina on road to Mocoa
Talk with F Lorenzo Cuellar on Fragua concession.
Rested leg most of day.

In the evening Romulo Cuellar came in & I talked all evening with him. Too old & ill to accompany me, but gave me all the data possible. He says that in no place is "caucho colorado" present in large quantities. Also says that the "caucho blanco" is localized in the headwaters of only a few quebradas and that in its most rich spots the number of trees would never pass 8 per hectare. He says that there are a number of trees up to 2½ ft. in diam, but that most are 1 ft. or smaller. His custom in the old days of caucho exploitation was to fell the tree, for "tapping yields nothing to speak of". Felled, the tree was carefully cut, horizontal strips 1" wide of bark were removed to let the latex flow. Care had to be taken not to injure the wood. One tree of 1 m. in diam he felled gave 1½ arroba (38 lb.)

but this exceptional he says. Usually an ~~~ adult tree would give 5 - 8 lbs. The cuts were made "1 hand" apart + later after coll. rubber which coagulated after 8 days (west as "azuela furbia" 3 days) new cuts were made in between. The stump & roots are esp. oily such & are scarce. ~~After washing~~, Rubber pulled off in strips. After washing + kneading, prepared in balls, it is white & very elastic. The practice was to fell + cut the tree in the afternoon, says more rubber came out.

The only places where Romulo knew existance of "caucho blanco" were headwaters of Quebradas Sucyita, Arrayanes, Cajon. Other places there is little or none. The headwaters of many quebradas do not have much caucho, perhaps 1 palo per hectare. The Villalobos Rio is very poor in "caucho blanco", one finds ~~~ almost none along the stream, & the few it has are only in its upper reaches. "Caucho colorado" found, only in region know as "Ceibas" near confluence of Villalobos + Verdeyaco, acc. to Romulo. They are trees 1½ ft. in diam. [Is this pink balata?] Quinie there is plenty in Palestina - Quebradona region, trees 1½ ft. in diam. Region of Tragua very difficult to enter from Villalobos. Easier to go in from Florencia + Caquetá. No hope for great exploitation of "caucho blanco", much cut away, very distant, & have to fell trees.

Friday

Ticket "Transportes Huila - Caqueta" 2.20.

Telegram to Fosberg, Neiva .79.
Petacas $25.00 (including packing)
Shave .20
Tinto, smoke, etc 1.10
Mail .06

A Artunduaga traida petacas 1.50
" " food for trip 56.87
" " 3 peones 30.00
" " 9 peones 117.00

Settled accounts with Solano & Artunduaga and paid peasants + debts.

Jan 24. Sunday Pitalito

Cough medicine	.45
Letters	.11
Telegram to Jaramillo	
Tinto, beer, etc.	1.00
Cigarettes	.45

Packing things to return to Bogota. Still awaiting news of Ramón.

Jan 25. Monday Pitalito.

[illegible] 12.44

Mail to Krayer Rebon .10

Samples quinine Krayer 1.32

Cough drops .40

[illegible] 3.55

[illegible] 8.35

[illegible]

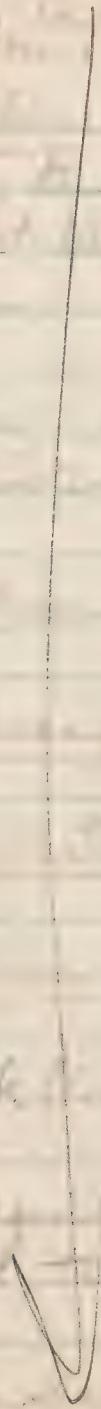
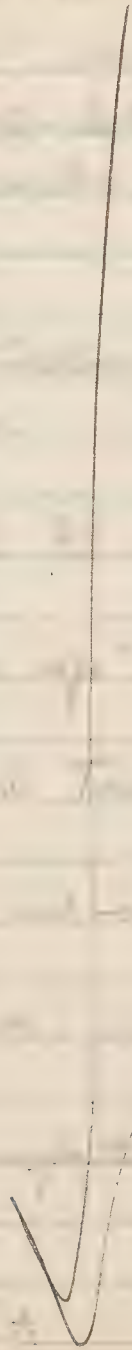
5:30 – 7:30

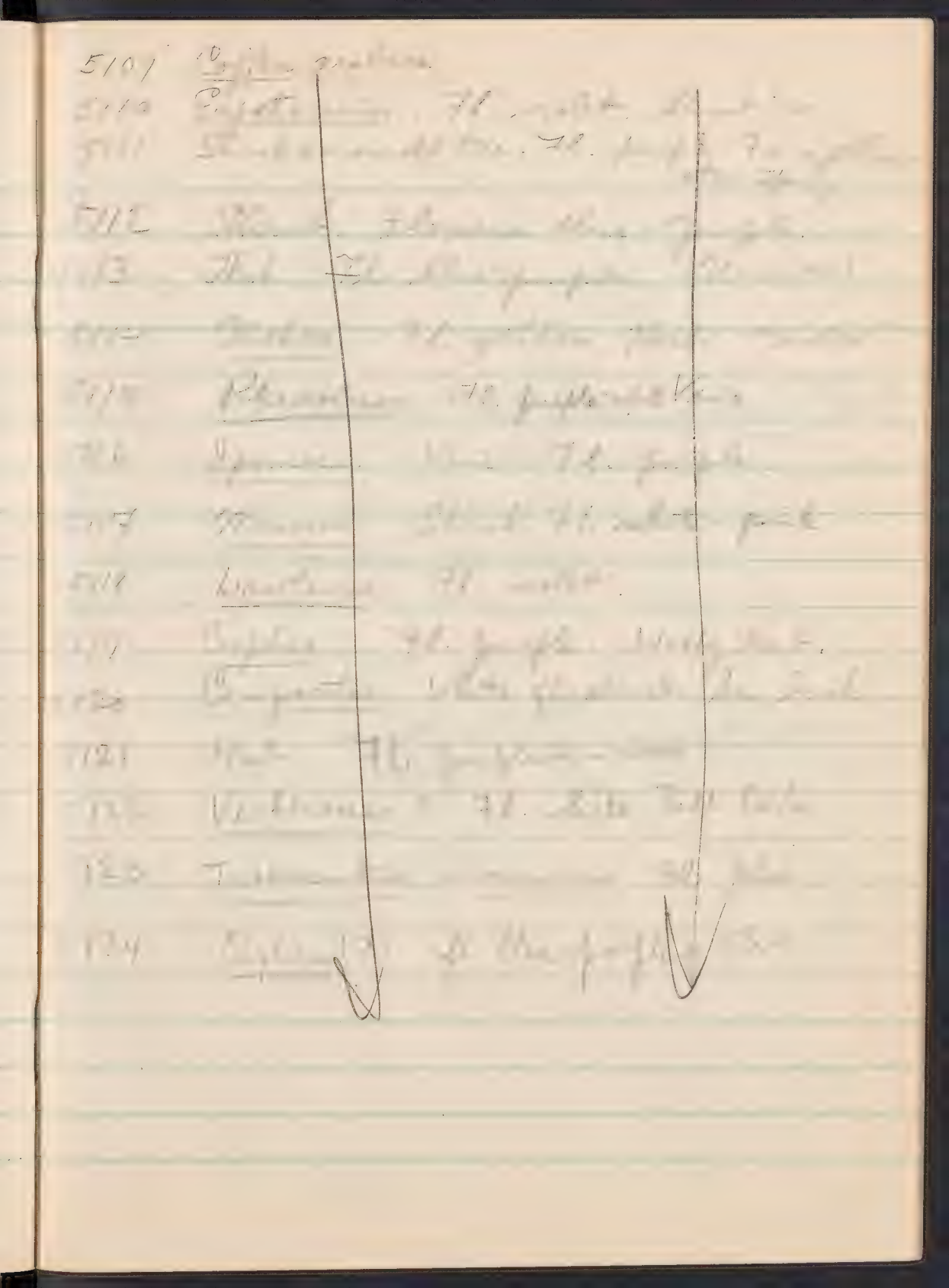
DE TRANSPORTES
RITALITO

Jan. 27 News Boy #1

Jan 30

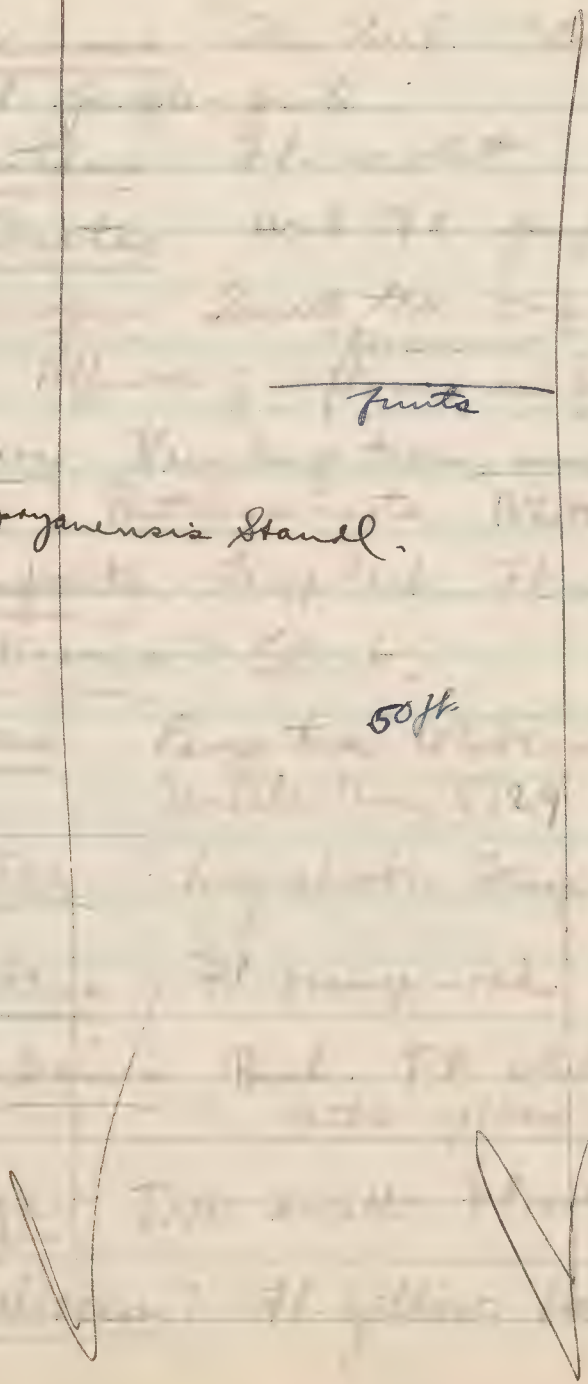
Bought 4 papers from [illegible]
Boy #2 45 Rolls, $3.25
for Valentine



5128 C. stylinensis Cantr. det Cantr.

5132A Rio Villalobos, Cerro de Guerrero
det. 1400-1450-u. Jm


Punta
pogogonensis Standl.
50 ft.
Cancho
pajarito

5144A Rio Villalobos Cryptocentrus
Quebrada Grande grandisquamis
alt 1400 – 1450 m.
3-13, Jan

Area of the Villalobos Jan 3 - 13, 1943

5144 "Cañada Pasos" Sage ... Plants.
Cañada del Rio Encinita Trail. Tan soil
tall Plants smooth, round. Stringy white roots.
Bulbs dia 1½ ft.

5145 "Cañada Pasos" Sage ... Plants A
Have yellow leaves not shown as complete. Grey-
ish black ... Tan soil. 1½ ft ... Ha...
5146 Vine ... ft ... rose purple

low. left upside exactly a head

1500 - 2000

Valley of Rio Cedros. Plants of Las Cabezas southwest of Petaluta. Alt 1300 m.

5147 Ericaceæ. upright Fl. red or white

5148 Shr. tree Fl. purple. Palæocourea

5149 " " " yellow Palæocourea

5150 Compt. shrub Fl. white

5151 Large herb Fl. yellow.

5152 ✓ Saurauia pulchra ? Shr. tree. Fl. white, very fragrant Rio Vallejo confluence to Tarapoto Quarter m.

5153 Large bush. Paper. Fragrant.

5154 Begoniæ

5155 Small Bush Shr.

5156 Fuchsia ? Bush.

5157 Shr. Bush.

5158 Epidendrum Fl. scarlet. Ep.

5159 Cleome Cape tree. "Sacha Vaca"

5160 Low Vgs. Frost shade. "Dutch
paper" Variegating. Between Rio Cauca
& Cambral. Medium size, rather delicate.
Leaves [illegible] Fl. [illegible]
[illegible]

5161 Sp. Nobilis Fl. white. R. Rio
Valle above Cordt. Rio Cauca

5162 Peperomia sp.

5163 Legume. Small.

5164 Equisetum Coffl. Guayabal - Villeta
"cola de caballo"

5165 Vicia. Coffl. Guayabal - Villeta
Fl. [illegible]

5166 [illegible]

5167 Fl. yellow. [illegible]

5168 Bush. Insect. 1½ m. Fl. white.

5169 S. narcissiflorus. TYPUS
Sarmentose Bush. [illegible]
Fl. white. Fr. Above [illegible]
Arbuscle. 2–2½ m. Low. high.

5172 C. heliolbeda Cust. det Cust.

5170 Sm. bush. 1m. Fl. yellow.

5171 Sm. tree. Fl. red. Hab. 1m.

5172 Common, [illegible] tree of [illegible] Fl. [illegible] Hab. [illegible]

extract of fruits antifebr. also ~~diuretic~~ depurative

5173 Bush Fl. red. [illegible]

5174 "Bubuk" Tall tree 2ft girth. Different from Pterocarpus

5175 Bush Same loc. Comp.

5176 "Cabesera" Leaves of Petalostylis cumingii. Tree with glabrous pea-foliage, short, stout (1½ ft diam) trunk, with bare stem. White latex last [illegible] "Cabesera". Not common. Sizes go to the large tree more than 4 ft. diam. [illegible]

Fracx Schulzeri Dugand

5177 Tuyog (Tag.) (Diffenbachia sequina) Family Colocasiaceae. Habitat: Cebu, Mindanao, Palawan.

5178 Tree [illegible] Fragraea [illegible]

5179 Herb. Fl. red. Leaves fragrant.

5180 Plant. tree. Leaves fragrant.

5181 Cassia? Tree. 7 fl. yellow 2. Guayabo

5182 Cassia? 7 fl. red. 2. Guayabo

5183 Clusia fm. tree. 7 fl. pale pink-white. Guayabo.

5184 Melast. tree. 7 fl. purple-pink. Very common. Guayabo.

5185 Tree fern. Guayabo. Leaf 6 ft long. Hr. 3 m. Guayabo

5186 Tree fern 3 m. leaf 1½ m

5187 Piper Sp. herb. Guayabo. Fragrant.

5188 Phaseolus. 7 fl. white. Guayabo.

5189 "Jaucklillo colorado" Shrub or tree 1½-2 ft diam. Bark. White latex in cent. nerv abundant. Not a caucho. Bark smooth, red. Subarbrada Zubradonas. Sterile.

5190 White Burmanniaceae on roots of Guayabo. Zubradona.

5191 Cephaëlis. Long stem. Guayabo fl. purple.

5192 Hb. fl. white. Guayabo

205 C. tibialbida Cantr. det Cantr.

5193 Polycarpaea Buch. Fl. Stamens 1½ - 2 mm. Guayabo.

5194 Buch. Coup. Guayabo Senecio?

5195 Befaria. fl. amarillos. Guayabo.

5196 Gyrocarpaceae fl. red. bds. Guayabo.

5197 Hb. fl. whitish. Guayabo.

5198 Senecio? Hb. Guayabo.

5199 Sauraueia ~~puteamayonis~~ Schult. et G. B. ? Tree on edge of Rio Villalobos & Cascadas Trail. Fl. white. Small.

5200 Thibaudia Sh. Guayabo Florida Br. red.

5201 Lychnis + cruce. Fl. [illegible] Guayabo.

5202 Befaria Gleas. Fl. red. Guayabo

5203 Fuchsia Fl. red. Epi herb. Guayabo

5204 Cephaelis? Fl. white, prob. yellow Guayabo

5205 Cecropia. Tall tree. "Yagrumo blanco" Fl. "Alto del Guayabo" Leaf white 80 ft. Broad spreading foliage

5206 Yellow fl. Senecio? Large herb. Guayabo Open space. Leaf [illegible] + fl. Bank [illegible]

Valley of Rio Cebu, ~~[illegible]~~ of "Los Cabeceros" southwest of Pinabeto Oct. 1908.

5207 Besleria Fl. red. Leaves reddish beneath. Bark frost Guayabo.

5208 Ficus Fm Bruselas, near Criollo. Small tree 30 ft. 2 ft. diam. Dark green foliage. "Cuchillo" Sparse white latex. Ficus ~~Radulosa~~ Schultesii Dugand.

5209 Clusia Llano de Cabezeras, near Criollo. Large tree. "Copé"

5210 Orchid Ep. Fl. Alto de Guayabo. Fl. brown. Racemes very long.

5211 Nicanthes. Fr. yellow. Large lb. "El Cabro Fruta"

5212 Datura arborea. Shrub in forest "Alto de Guayabo" Fl. white.

5213 Urticaceae. Fl. red, hairy. Alto de Guayabo

5214 Terr. orchid. Fl. all yellow. Alto de Guayabo.

5215 Tall bush 2-3 m. Alto Guayabo. Fl. blue

5216 Large bush Fl. purple. Alto Guayabo

5217 Tall 80 ft tree. Clusia "Copé" Sterile. L. Guayabo

5225 W. Cuyuetana Cuitr.

5218 Pafia Bush 2 Guayabo

5219 Sp orchid. Unicate Fl. fragrance of lemon. Colour of flesh. Alto de Guayabo de Cristobal.

5220 Genus. herb. no Fl. Shades of forest Guayabo Fl. orange-yellow.

5221 Begonia Fl. red. Fr. red. Guayabo. Fl. of forest, shade.

5222 Vine Genus. Fl. pink. Alto Guayabo.

5223 Melast. tree. Fl. white. Guayabo.

5224 Peperomia Sp. Alto Guayabo.

5253 Weinmannia (sterile) Alto Guayabo.
for see 5225 Tree. 40 ft. tall.

5226 Loranthaceae Fl. yellow. Alto de Guayabo.

5227 Tall herb 1 m. Fl. red Rubiaceae

5228 Berberis Hb. Fl. red outside, yellow inside. Forest floor Alto Guayabo Alto Guayabo

5229 Tree. 7 ft. yellow. Alto Quarzalto.

5230 Malvast. bush. Alto Quarzalto.

5231 Small bush Rubiac. Fl. red. Alto Quarzalto. 2 m.

5232 Bush. 7 ft. bright red. Alto Quarzalto

5233 Cereus "estrangus" Tall tree "Cyl" Stems. 2. Quarzalto.

5234 Malvast. tree. 7 ft. fruit. Villalobos + Cavalos.

5235 Bush. Villalobos + Cavalos. Bush 2 m. tall.

5236 Anthericum Quarzalto.

5237 Grass on tanque Quarzalto.

5238 Prosopis Bush 2-3 m. Quarzalto.

5239 Senecio tree Quarzalto Alto [illegible]

5240 Fern. Alto de Quarzalto.

5241 Trichocereus Quarzalto [illegible] 7 ft. cylin- drical stem, spines not deep, flowers white

5242 Senecio [illegible] Rio Seco [illegible] Very fragile. 7 ft. white. Rio Seco, [illegible]

3253 W. Capistrano Cuatro del Cuatro

5243 Yarrowia Fl. yellow-white
Rho Color.

5244 Yeast Four Rho Color Fl.
Orange-yellow

5245 Rhodo Rho Color Pink Form.

5246 Cryptococcus Fl. white Rho Color

5247 Rhodo Leaves reddish. Fl. pink
Stalk yellow-green Receptacle
white Spongy

5248 Rhodo Rho Color White

5249 Torula

5250 Torula Yeast Fl. 2-3 in. high

5251 Small Yeast Orange Pink Rho Fl. Color

5252 Torula Yeast Yellow Rho Color

5225

5253 Rhodotorula Rho Color White
Colonies

5254 Rhodotorula Fl. white, Rho Color
Yellow-white Colonies

5255 Halosarcina Yeast Green Fl.
Rho Color.

5256 Yeast Cryptococcus Yellow-white Colonies

5257 Small Torula Yeast Fl. white Rho

5258 Small Cryptococcus Yeast Fl. white Rho

5259 Carduus nutans. Locality, [illegible] 1½ mi. [illegible] Valley [illegible]

5260 Small bush. Va.

5261 Small tree 3-4 m. Fl. [illegible] Pocahontas Co. W. Va.

5262 Small P.P. tree. Florida's Caverns, Va.

5263 [illegible] W. Va.

5264 [illegible] W. Va.

5265 [illegible] W. Va.

5266 [illegible]

5267 [illegible]

5268 [illegible] Valley [illegible]

5269 [illegible] W. Va.

5270 [illegible] W. Va.

5271 Vine. Fruit yellow. Fl. [illegible] Specimen with white stag. Also [illegible] Florida's Caverns, Va.

5272 Small bush. Fl. specimen [illegible]

5273 [illegible] Valley [illegible]

5274 Sp. bush. Fl. [illegible] Florida's Caverns, Va.

CUARTO CENTENARIO DE BOGOTA

EXPOSICION FLORAL

en el Instituto Botánico de la Ciudad Universitaria

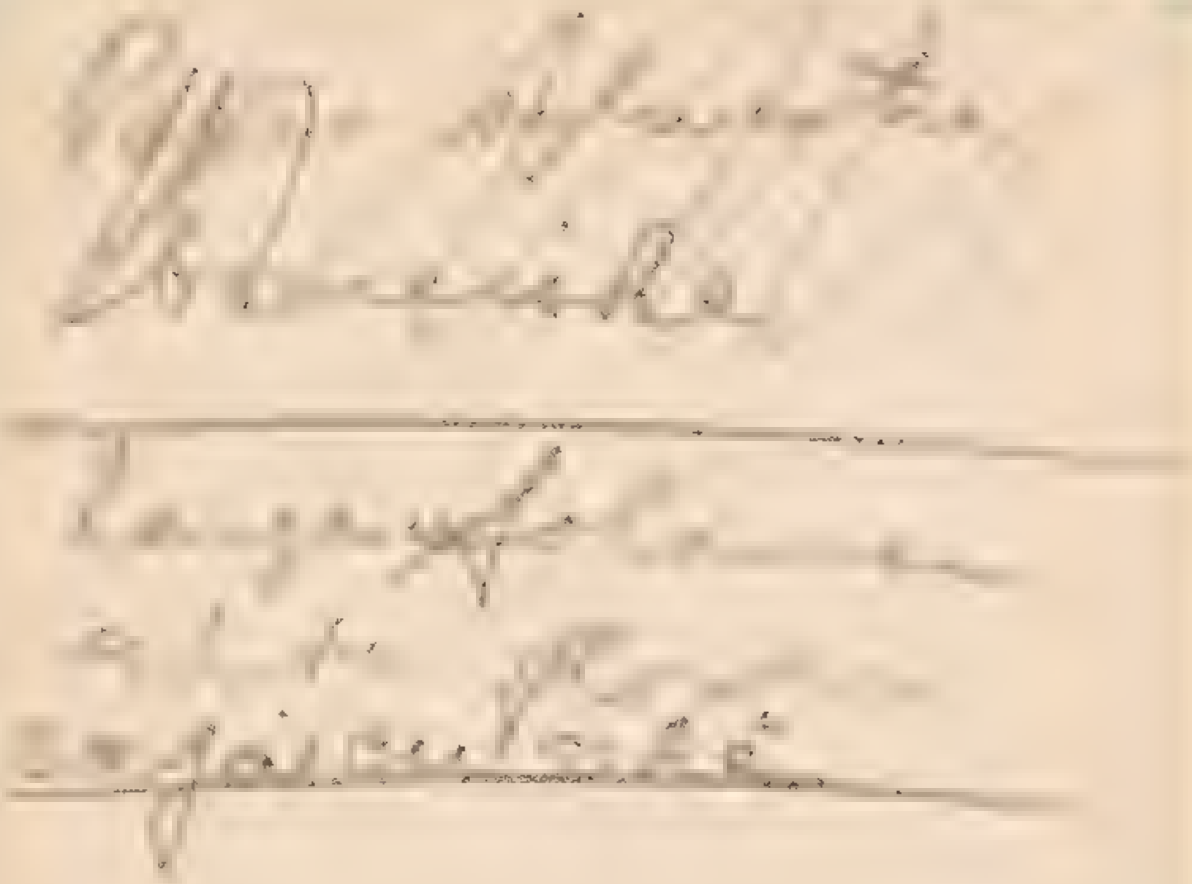
(Bajada por la calle 26 y la 45)

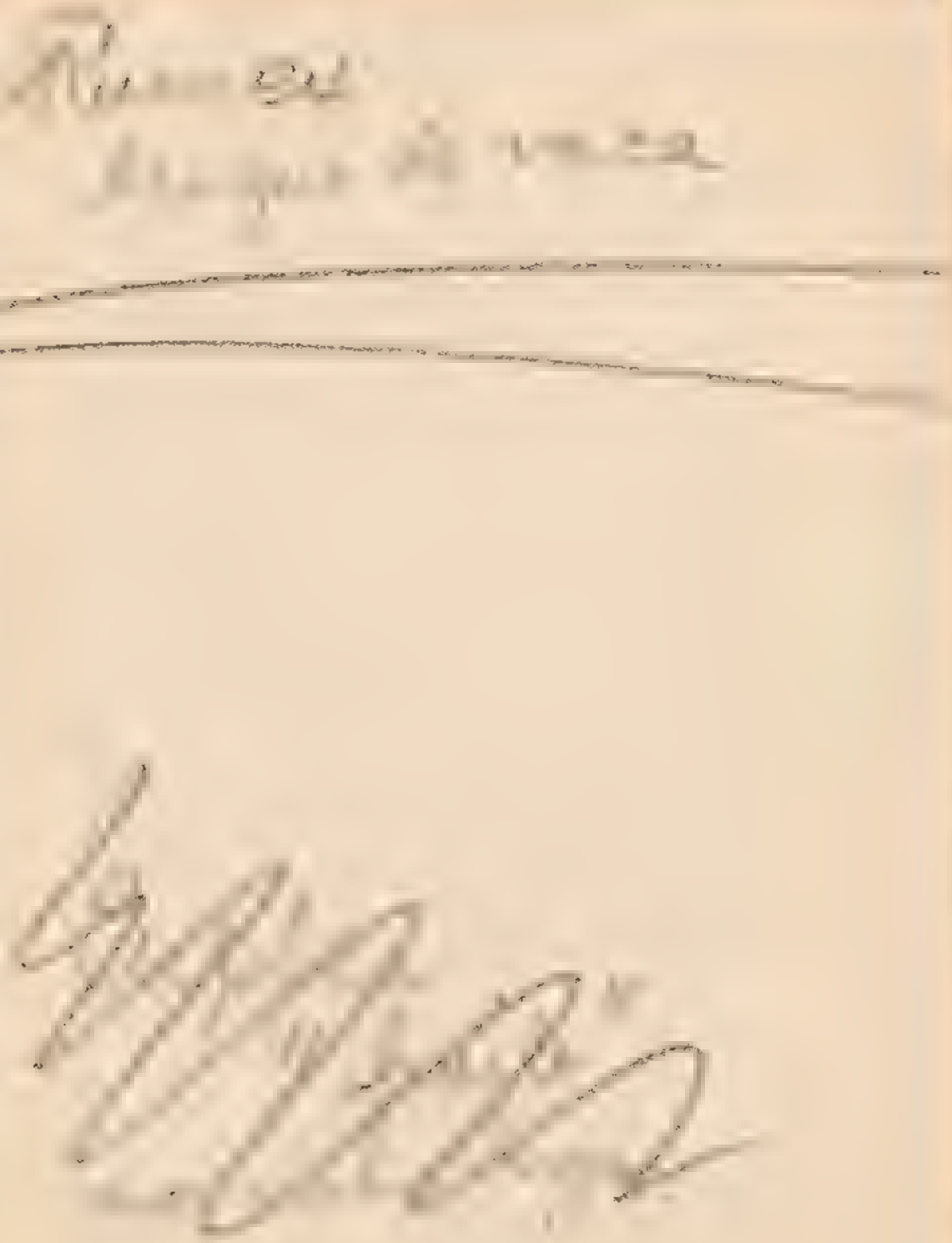
DEL 4 AL 8 DE AGOSTO DE 1938

BOLETA DE ENTRADA

VALOR 5 CENTAVOS

Director del Instituto Botánico





PLANTAE COLOMBIANAE

DEPARTAMENTO DEL HUILA

Pitalito, Quinche, open fields. Alt. 1300 m.

No. Coll. { RICHARD EVANS SCHULTES / M. VILLARREAL } December 30, 1942

5275 Fasciola, Stirila "Cercaria" Fa. fasciola.

5276 Fasciola, Stirila, Fasciola

5277 Yellow Cercaria Petaloid tail of Fasciola, Adolescaria

5278 Cercaria Pleurolophocercous Fasciola, Adolescaria

5279 Cercaria Pleurolophocercous Fasciola, Adolescaria

Liver Operation

5280 Fasciola, Adult

5281 Fasciola Gigantica, Liver fluke

5282 Fasciola, Fasciola Gigantica, Liver fluke

5283 Fasciola Hepatica, Liver fluke

5284 Cercaria, Fasciola Hepatica

5285 Fasciola Hepatica, Liver fluke

5286 Fasciola Hepatica, Liver fluke

5287 Fasciola

5288 Fasciola Hepatica, Liver fluke

5289 Fasciola, Liver fluke

5290 Fasciola, Liver fluke

5291 Fasciola, Liver fluke

5291 Lagen [illegible] Fl. [illegible] Bromide
5292 Fl. [illegible] [illegible] Gebrüder [illegible]
5293 [illegible] Fl. [illegible]
5295 Fl. [illegible] Buch [illegible]
5296 [illegible] Fl. gelber
5297 [illegible] Fl. [illegible]
5298 [illegible] Fl. [illegible]
5299 Fl. [illegible]
5300 Herb. Fl. [illegible]
5301 [illegible] Buch [illegible]
5302 [illegible] Fl. [illegible]
5303 [illegible] Fl. [illegible]
5304 [illegible] Fl. [illegible]
5305 [illegible]
5306 Buch. [illegible] Fl. [illegible]
5307 Herb Fl. [illegible]
5308 [illegible] Fl. [illegible]
5309 [illegible]
5310 [illegible]
5311 [illegible] Fl. [illegible]
5312 [illegible] Fl. [illegible]
5313 [illegible] Fl. [illegible]
5314 [illegible] Fl. [illegible]

5315 Fred. [illegible] 15 ft. lvs. fol. ll. fol. yellow. Fol. [illegible]

5316 [illegible]

5317 Saurauia narcisiflagrans sand loc.

5318 Wenmannia alto Zagosto

5319 Saurauia Sm tree in forest edge. Wopmelo. Frags. 12 ft Fr. red.

5320 Pentamerista Between Verdegem & Couchoo. Very large forest tree. Red-dish latex very viscous conchoo colorado!

5321

5322

5323

5324

5325 Piper

5326

5329 W. Exposition Custer. at Custer.

5327 Samaniá. Cauchos.

5328

5329 Wenmannia alto Guayabo 20-25 m.

5330 Samaniá ~~alto de Guayabo~~
~~pulchra~~ Sp. ~~n. sp.~~ Cf. Equatoria?

1 f. em a traer de Quilmes a monte vivo 1.00

5.-

1.20

1.40

1 lb

1 galleta

5 11

1,20

1 lb arroz .14 c/u

1 gallina

1 docena de huevos a 5 lb

2 bolsas

first trip

Francisco Salazar 10½ days
Carlos Vargas
Victor Trujillo
Luis Tobar
Vicente Artunduaga

Film #80

1) Scenes in Campaloya Hills
Dec. 29

2)

3)

4)

5) Hermadura, south of Gigante Dec 2

6) Panorama from Pescadero Dec 29
south of Garza Landing

7) " "

8) Ruins of Arteaga Dec. 29

9) View of Old Adobe Tower - Petaluta
Dec 21

10) Street in Petaluta

11) 12) Fields - [illegible]
Petaluta - [illegible]

Homework #10

7.2 – 81

1-12) Trips to Six Flags, Dec 31.

7.2 – 82

1-10 Trips to Six Flags + Seattle

11-12 Bonded Retailer Yard

→ Rule 2: Bonded Rule

7.2 – 83

1, 2, 3: The Following, except for Retailer, not for Bonded Yard.

7.2 – 84

1)

2)

3)

4)

5)

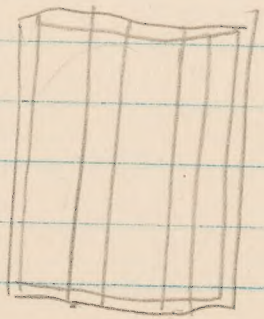
6)

7)

8)

9)

10)



Notes on Florencia —

Rubber gatherers —

Daniel Rodriguez } ← Antioqueño
Samuel Lopez } work in Caguan
caucho negro

Marcus Manchola in Cumplaya on Río Caquetá trabaja en el Caqueta
caucho negro, perillo, balata

Marcus Cuellar companion of Sr. Vasquez, works together" Puerto Diago

José Lozada Canelos caucho negro

all of these sacando caucho negro + balata roja
de Saladito (Caucayá) Rufino Cachaya working with Salat in perillo.
works for casa Santa Domingo, Barranquilla

Vasquez saca balata roja + caucho negro en cabecera del Fragua. On Fragua + Urayaco hay unos Huitotos. This is the Fragua which falls in Caqueta, not that falling in to Pescado.

Luis Castro, gerente y Caja agraria in charge of rubber.

Tabla de multiplicar

2	x	1	= 2	5	x	1	= 5	8	x	1	= 8
2		2	4	5		2	10	8		2	16
2		3	6	5		3	15	8		3	24
2		4	8	5		4	20	8		4	32
2		5	10	5		5	25	8		5	40
2		6	12	5		6	30	8		6	48
2		7	14	5		7	35	8		7	56
2		8	16	5		8	40	8		8	64
2		9	18	5		9	45	8		9	72
2		10	20	5		10	50	8		10	80
3	x	1	= 3	6	x	1	= 6	9	x	1	= 9
3		2	6	6		2	12	9		2	18
3		3	9	6		3	18	9		3	27
3		4	12	6		4	24	9		4	36
3		5	15	6		5	30	9		5	45
3		6	18	6		6	36	9		6	51
3		7	21	6		7	42	9		7	63
3		8	24	6		8	48	9		8	72
3		9	27	6		9	54	9		9	81
3		10	30	6		10	60	9		10	90
4	x	1	= 4	7	x	1	= 7	10	x	1	= 10
4		2	8	7		2	14	10		2	20
4		3	12	7		3	21	10		3	30
4		4	16	7		4	28	10		4	40
4		5	20	7		5	35	10		5	50
4		6	24	7		6	42	10		6	60
4		7	28	7		7	49	10		7	70
4		8	32	7		8	56	10		8	80
4		9	36	7		9	63	10		9	90
4		10	40	7		10	70	10		10	100